

Table 1.— Preliminary estimates of passage by brood-year (BY) and run for unmarked juvenile Chinook salmon and steelhead trout captured by rotary-screw traps at Red Bluff Diversion Dam (RK391), Sacramento River, CA, for the dates listed below. Results include estimated passage, peak river discharge volume, water temperature, turbidity, and fork length (mm) range in parentheses. A dash (-) indicates that sampling was not conducted on that date.

Date	Discharge volume (cfs) <sup>1</sup>	Water temperature (°C)	Water turbidity (NTU)	Estimated passage				
				BY06 Fall	BY07 Late-fall	BY07 Winter	BY06 Spring	BY07 Steelhead
9/10/07	9,630	13.9	1.3	128 (98 – 106)	448 (72 – 96)	16,109 (32 – 43)	0 (–)	512 (50 – 69)
9/11/07	9,410	12.9	0.8	138 (104)	417 (80 – 97)	14,286 (31 – 44)	0 (–)	1,167 (38 – 75)
9/12/07	9,650	14.8	–	–	–	–	–	–
9/13/07	9,350	13.3	–	–	–	–	–	–
9/14/07	8,940	14.6	–	–	–	–	–	–
9/15/07	8,890	14.6	–	–	–	–	–	–
9/16/07	8,760	15.0	–	–	–	–	–	–
9/17/07	8,740	15.2	1.2	206 (104 – 111)	1,627 (59 – 100)	35,950 (31 – 55)	0 (–)	605 (47 – 79)
9/18/07	8,690	15.5	1.6	184 (105 – 110)	1,397 (60 – 100)	26,910 (30 – 52)	0 (–)	739 (50 – 85)
9/19/07	8,710	14.9	1.2	276 (104 – 120)	828 (60 – 101)	39,179 (30 – 56)	0 (–)	826 (45 – 73)
9/20/07	8,650	14.0	0.9	66 (112)	1,284 (61 – 98)	33,866 (31 – 53)	0 (–)	465 (59 – 86)
9/21/07	8,040	14.6	1.3	0 (–)	1,031 (58 – 98)	19,573 (30 – 53)	0 (–)	134 (76 – 96)
9/22/07	8,260	14.3	1.2	100 (105 – 115)	603 (58 – 102)	20,982 (31 – 47)	0 (–)	490 (41 – 82)
9/23/07	8,250	14.1	1.1	0 (–)	236 (60 – 92)	10,447 (32 – 52)	0 (–)	234 (50 – 84)
Biweekly total <sup>2</sup>				1,943	12,466	344,197	0	8,542
Brood-year total				16,623,835	491,596	627,920	391.707	131,271

<sup>1</sup> Peak daily discharge values do not account for diversions at RBDD and only represent peak flows registered at the Bend Bridge Gauging station (<http://cdec2.water.ca.gov/cgi-progs/queryFx?bnd>).

<sup>2</sup> Biweekly totals may be greater than the sum of the daily estimates presented in this table if sampling was not conducted on each day of the biweekly period. A dash (-) denotes those dates. To estimate daily passage for days that were not sampled, we used a mean daily passage from the sample immediately preceding and following the un-sampled day. When consecutive days were not sampled, we calculated a mean daily passage for that period by noting the number of days not sampled and then calculating a mean daily passage using the same number of samples immediately preceding and following the un-sampled period (e.g., if three consecutive days were not sampled, we calculated a mean daily passage for each day using the three samples immediately preceding and following the un-sampled period).